

**HOWREY & SIMON**

*#see to*  
Attorneys at Law  
1299 Pennsylvania Ave., NW  
Washington, DC 20004-2402  
(202) 783-0800  
FAX (202) 383-6610

April 13, 1999



Box Missing Parts  
Assistant Commissioner for Patents  
Washington, DC 20231

Re: U.S. Utility Application No. 09/198,779  
Filed: November 24, 1998  
For: Nucleic Acid Molecules and Other Molecules Associated  
with the Methionine Synthesis and Degradation Pathways  
Inventors: Stefan A. BLEDIG *et al.*  
Atty. Docket: 04983.0002.US01/38-21(15077)B

Sir:

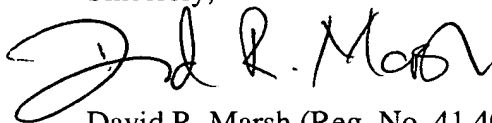
Transmitted herewith for appropriate action by the U.S. Patent and Trademark Office (PTO) are the following documents:

1. Response to Notice to File Missing Parts of Application and Response to Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (in duplicate);
2. Copy of the Notice to File Missing Parts of Application – Filing Date Granted;
3. Original Combined Declaration and Power of Attorney for Patent Application, executed by inventor Stefan A. Bledig;
4. Original Combined Declaration and Power of Attorney for Patent Application, executed by inventor Joseph R. Byrum;
5. Original Combined Declaration and Power of Attorney for Patent Application, executed by inventor Jingdong Liu;
6. Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
7. Paper copy of Sequence Listing;
8. Sequence Listing CD;
9. Howrey & Simon Check No. 308359 in the amount of \$1,124.00 to cover the filing fee, extra claims fee and surcharge for late filing of the Declaration (37 C.F.R. § 1.16); and
10. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. A duplicate copy of this letter is enclosed.

Sincerely,

A handwritten signature in black ink, appearing to read "D. R. Marsh", with a large, stylized initial "D" and "M".

David R. Marsh (Reg. No. 41,408)

Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stefan A. BLEDIG *et al.*

Appln. No.: 09/198,779

Filed: November 24, 1998

For: Nucleic Acid Molecules and Other  
Molecules Associated with the  
Methionine Synthesis and  
Degradation Pathways



Art Unit: 1643

Examiner: To Be Assigned

Atty. Docket: 04983.0002.US01/  
38-21(15077)B

**Response to Notice to File Missing Parts of Application and  
Response to Notice to Comply with Requirements for Patent Applications  
Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures**

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Notice to File Missing Parts of Application – Filing Date Granted dated February 18, 1999, and the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures dated February 18, 1999, Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

1. Copy of the Notice to File Missing Parts of Application – Filing Date Granted;
2. Original Combined Declaration and Power of Attorney for Patent Application, executed by inventor Stefan A. Bledig;
3. Original Combined Declaration and Power of Attorney for Patent Application, executed by inventor Joseph R. Byrum;
4. Original Combined Declaration and Power of Attorney for Patent Application, executed by inventor Jingdong Liu;
5. Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
6. Paper copy of Sequence Listing;
7. Sequence Listing CD;
8. Return postcard; and

9. Howrey & Simon Check No. 308359 for \$ 1,124.00 to cover:

\$ 760.00 Filing Fee for Patent Application (37 C.F.R. § 1.16)

\$ 234.00 Fee for excess claims (37 C.F.R. § 1.16)

\$ 130.00 Surcharge for late filing of Declaration (37 C.F.R. § 1.16)

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the Sequence Listing and the computer readable copy of the Sequence Listing submitted herewith in the above application are the same.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 08-3038. A duplicate copy of this Response is enclosed.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)

Date: April 13, 1999

HOWREY & SIMON

Box No. 34

1299 Pennsylvania Avenue, N.W.

Washington, D.C. 20004-2402

(202) 783-0800

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/198,779 11/24/98 BLEDIG

049882 000295

HOWREY & SIMON

第一卷

1299 PENNSYLVANIA AVENUE, NW

WASHINGTON DC 20004-2402



NOT ASSIGNED

1643

**DATE MAILED:**

02/18/99

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
*Filing Date Granted*

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant:

☐ small entity (statement filed) ☒ non-small entity is \$ 1124.00

☒ 1. The statutory basic filing fee is:

☒ missing.

☐ insufficient.

Applicant must submit \$ 160.00 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27)

☒ 2. Additional claim fees of \$ 234.00, including any multiple dependent claim fees, are required.

\$ 234.00 for 3 independent claims over 3

\$\_\_\_\_\_ for \_\_\_\_\_ dependent claims over 20

\$ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due

☒ 3. The oath or declaration:

☒ is missing or unexecuted.

☐ does not cover the newly submitted items.

☐ does not identify the application to which it applies.

does not include the city and state or foreign country of applicant's residence

The above Application Number and Filing Date is required:

4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 C.F.R. 1.42:

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above

Application Number and Filing Date, is required.

5: The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

Your filing receipt was mailed in error because your check was returned without payment.

The application does not comply with the Sequence Rules.

be attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

OTHER:

the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARK  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/198,779 11/24/98 BLEDIG S 04983.0002US

HOWREY & SIMON  
BOX NUMBER 34  
1299 PENNSYLVANIA AVENUE NW  
WASHINGTON DC 20004-2402



NOT ASSIGNED

1643

DATE MAILED:

02/18/99

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application fails to comply with the requirements of 37 CFR 1.821 - 1.825.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7. OTHER:

**BEST AVAILABLE COPY**

**APPLICANT MUST PROVIDE:**

- ☐ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing."
- ☒ An initial or substitute paper copy of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☐ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

**FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE CONTACT:**

- ☐ For Rules Interpretation, call (703) 308-1123.
- ☐ For CRF submission help, call (703) 308-4212.
- ☐ For Patent software help, call (703) 308-6856.

04983-0002-US01

Seq. Listing Due 4/18/99  
Extendable to 9/18/99

*[Signature]*  
Customer Service Center